

## NEW WIDE-WORKING RANGELAND RENOVATOR

THIS 13½-FOOT JOHN DEERE DRAWN POWR-TILL™ SEEDER  
MAKES BIG-ACREAGE RANGELAND RENOVATION PRACTICAL

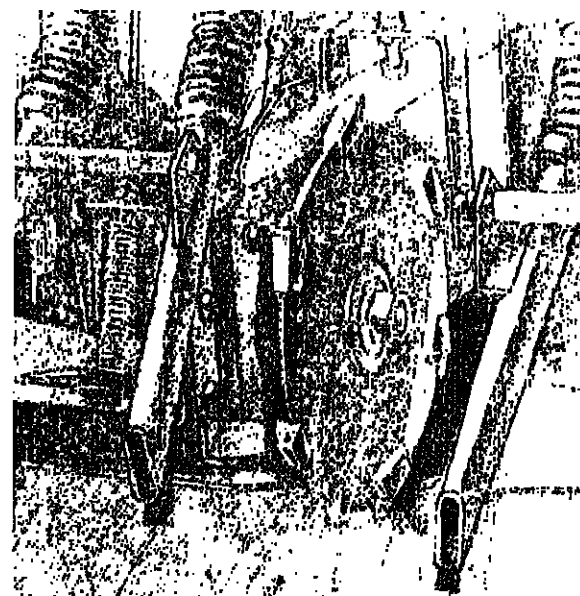
Face it! Renovating your rangeland grasses by interseeding a legume would increase your forage yield and let you pasture more cows on the same acreage. It's a sure route to boosting beef profits.

In fact, South Dakota tests have shown carrying capacity and pounds of beef produced per acre increased 43 to 54 percent when alfalfa was interseeded into native rangeland grasses.

**This new Powr-Till seeder makes interseeding economically practical on big acreages.** It's a one-pass seeding machine that covers 13 feet 4 inches every pass—over 60 percent more than its mounted counterpart, the 1550 Powr-Till Seeder.

Sixteen PTO-driven cutter wheels cut ¾-inch-wide seedbed trenches every 10 inches across the machine's working width. You can interseed in one pass, without disking or plowing. You can even keep the cattle on the pasture while you work.

**Only John Deere's Powr-Till seeder offers PTO-driven cutter wheels.** They turn at 635 rpm to chew into tough soil and cover—the type of ground conditions that discourage many renovators. As the hard-surfaced wheels turn, they throw a rooster tail of soil to the rear. Before it falls back into the seed trench, seed is dropped from the 16¼-bushel grain box through steel



seed boots. Then the falling soil creates a light mulch over the seed, helping provide an environment that aids germination. Seeding depth is regulated by adjustable skid shoes on each 2-row seeding unit.

**There's no need to worry about erosion on hilly land,** either, because the 16 miniseedbeds actually disturb less than 10 percent of the soil each pass. And tilling and seeding are done in one pass, saving time and fuel over conventional renovation methods.

See your John Deere dealer. Ask him how this new 13-foot 4-inch Drawn Powr-Till seeder can help you renovate big-acreage ranges for more cow-carrying capacity.

**Regular carbide-tipped "bullet" cutter wheels for the 251 Drawn Powr-Till seeder last up to 20 times longer than optional hard-surfaced cutter wheels.**



**John Deere design,  
dependability  
and dealers  
make the difference**



### Comments

Nevada rancher Rulon Brown sent us a copy of an editorial that appeared in The El Paso Times. "The cattle crunch," it began. "There is a crisis in the cattle industry and it is affecting everyone including the consumer, the meat packer, the feedlot owner and the cattle rancher. It is especially pronounced in the Mountain West, from the El Paso area up into Montana."

"Consumers are hit in the wallet when they go to the supermarket. Beef prices, like other grocery prices, have increased with inflation. As a result, per capita consumption of beef is down; the public is opting for pork, chicken and other alternatives."

"Meat packers believe that, considering growing labor costs and increasing machinery and parts expenses, the prices they pass on to retailers are fair. The packers, along with many feedlot owners and cattle raisers, contend that supermarket chains are most responsible for today's higher beef prices. Meanwhile, supermarket chains claim minimum profit margins."

The editorial went on to mention that two of its regions' largest meat packing firms had closed down, one because of bankruptcy, the other having sold out to a Midwestern packer and then being moved to the Texas Panhandle to get closer to supplies and to reduce labor costs. It pointed out that the closing of these two packers eliminated something like 1,000 area jobs.

"The trickle-down effects of these layoffs cannot be understated in terms of negative economic effects on their respective areas," the editorial said.

Although we suppose you can't consider El Paso a Western Cowtown anymore, still this city serves a large livestock area, one of which we'll be visiting with our Southwest Ranch Study Tour starting with registration Oct. 11 at the Rodeway Inn in El Paso.

The editors of The El Paso Times are concerned with the problems of the cattle-men. They finish, "If current conditions persist for several decades, truly good beef may be hard to find, and supermarket meat prices may be so high that the average family will forget how a steak or hamburger tastes. Unfortunately, this is already true in some households."

DICK CROW

# Stockmen bid to lift ban on 1080

By MARTHA WILLIAMS  
and CAROLYN J. HURST

Three days of hearings last week on the use of compound 1080 to control coyotes drew heated debate between ranchers and stockgrowers, and environmentalists that often centered more on the basic economics of raising livestock than on the specific issue of an emergency approval of use of the compound, possibly only in collars worn by sheep and goats that the predator would have to puncture.

Hearings, two days in Denver, and one day in Washington, D.C., were called by the Environmental Protection Agency, in response to stockgrowers' requests to reconsider the 1972 ban on the poison they see as the most effective and cost efficient way to control growing losses. Loss estimates for 1979 ran about \$100 million, and estimates are losses now are approaching the \$200 million mark. Environmentalists

claim the losses are exaggerated because they can be taken as a usually loss tax deduction.

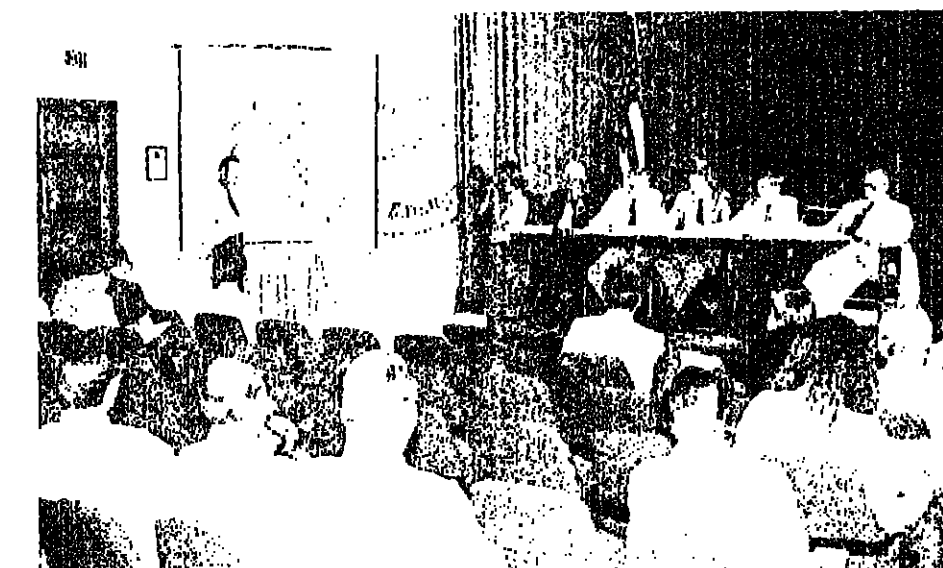
Although the coyote situation seems to present a bigger threat to sheep-growers, National Cattle-

men's Assn. President Bill Swan pointed out that "because of coyote predation, sheep and goat production is prohibited in many suitable areas of the U.S. where sheep and goats could be utilized to control brush and other undesirable plants, in order to improve cattle ranges."

Swan told the five-member panel in charge of the informal hearings that "use of toxic chemicals is essential for an adequate animal damage control program, and at present the safest, most effective and most efficient method of reducing coyote population, to benefit livestock production, is the use of 1080-treated baits," during the winter season.

According to testimony by Jack Grieb of the Colorado Division of Wildlife, 1080 has had 25 years of use prior to 1975 with no known fatalities or human problems. It was banned because there appeared to be evidence that it was a so-called secondary killer, remaining in the food chain and killing non-predatory wildlife such as eagles, raccoons, and badgers.

EPA will have to decide whether the three days of "informal" hearings should lead to official hearings that could render a decision to exempt 1080 from its present ban under specific emergency conditions. Indications are that interest and controversy will result in formal hearings.



**PREDATOR CONTROL PLEA**—Don Miako, chairman of the board of the National Wool-growers Assn. (podium) testified in Denver before a five member panel considering the need for formal hearings to consider emergency registration and use of compound 1080 to control coyote predation of livestock.

### Task force report:

## PS&A submits changes to bouy cattle trade

A final report prepared by a packers and stockyards administration task force has recommended several changes in regulations designed to reduce their burden on the livestock, meat and poultry industries.

The major recommendations reiterated those made earlier this year by the task force in an interim report to PSA administrator Jim Smith, as previously detailed by CNS. These included extending the time period given a commission firm for depositing into a custodial account funds equal to uncollected proceeds from livestock sales and exempting firms doing less than \$500,000 of livestock business annually from bonding requirements.

The final and interim reports both recommended that the agency rescind a proposed policy statement barring meat packers from operating "point promotions." Under such promotions, wholesale customers are awarded points for purchasing specific promoted products. The cus-

tomers then are allowed to redeem the points they have accumulated for prices in a gift catalog.

The task force recommended that livestock dealers and market agencies whose annual livestock business exceeds \$500,000 be required to propose a minimum surety bond of \$10,000. Under current regulations, all dealers and market agencies are required to post a \$5,000 bond if their livestock business is less than \$650,000 per year.

## Brite to mark 96th year when WLJ tour visits

The Brite Ranch will be celebrating its 96th year of continuous family operation when the WLJ tour visits the ranch as the first call Oct. 12 on the Southwest Ranch Study Tour. The James E. White family will be our tour hosts and it was Mrs. Jane White's grandfather who first established the ranch and in the early 1900's founded a closed herd of registered Herefords that continues today. After a lunch served

(Continued on page 11)

## WESTERN LIVESTOCK JOURNAL

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News • Trends • Sales • Shows • Markets

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Central Edition

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### Event set for Boise:

## Western Beef Symposium to focus on 'roadblocks to calf profits'

The various "Roadblocks to Calf Profits" caused by "stress" will be the theme of the Third Annual Western Beef Symposium according to J.D. Mankin, program committee chairman and animal science specialist with the University of Idaho's Cooperative Extension Service.

The symposium will be at the Red Lion Riverside Motor Inn, Boise, on Oct. 26 and 27, 1981.

J.D. Mankin will open with "Where Are We Now?" A lot of ground has been covered in the first two symposiums and Mankin is

of the opinion more can be built on the past symposia to provide still more management opportunities.

Dr. Bartley P. Cardon, dean, College of Agriculture, University of Arizona, Tucson, subject will be "What are the Roadblocks?" He has seen cattle under stress all over the world. Most of this stress has been by humans and their failure to understand stress.

"Weather—What Can You Do About It?" will be presented by Dr. David Ames, animal scientist, Kansas State University,

Manhattan. Dr. Ames will show the impact of climatic stress on cattle performance and approaches for dealing with adverse weather.

"Middle Management—Make Ends Meet" is the subject of Dr. Richard Bull, animal scientist, University of Idaho, Moscow. He will discuss the effects of a maternal nutrient deficiency and cold stress of the calf on calf survival and reproductive performance.

"Competing for the Protein Dollar" is the subject of the luncheon speaker, Donald Oetensoe, executive (Continued on page 11)

## Liberalized MDM regs draw praise, barbs

Two meat industry organizations said they generally applauded the mechanically deboned meat regulation changes proposed by USDA, but those changes were strongly condemned by a major consumer group.

USDA unveiled a proposal July 30, that would liberalize composition and labeling requirements for mechanically deboned meat—a product known official under current regulations as mechanically processed species (beef, pork or veal) product.

Two meat industry trade groups, the American Meat Institute and the Pacific Coast Meat Assn., in February petitioned USDA to make many of the changes included in that

proposal.

"While MDM proposal does not incorporate all recommendations in our petition, we believe USDA has made a major step in proposing regulations that will encourage the production and marketing of a nutritious, wholesome meat product from which processed meat products are manufactured," the two groups said in a joint statement.

AMI and PCMA said the fish and poultry industries have made use of mechanically deboned products for years. Implementing the mechanical deboning process in the meat industry would recover millions of pounds of additional meat for consumer purchase, the

groups said.

The groups said a change in the name officially applied to MDM was essentially made to more accurately describe the product. They said a consumer study they submitted to USDA found that "mechanically deboned meat" would be the best understood of the options of a new name of that product.

However, the Community Nutrition Institute, a group that has been involved with past litigation involving MDM regulations, said the proposal, if adopted, would deceive consumers as to the true nature and quality of processed meat products containing MDM.

According to CNI consumer division director

Ellen Haas, the "deception" embodied by the proposal would lead directly to greater intake of fluoride, strontium-90 and other hazardous elements.

Haas said AMI and PCMA had petitioned USDA for changes in MDM standards based on the assertion that current labeling requirements for the product would discourage consumers from purchasing the product.

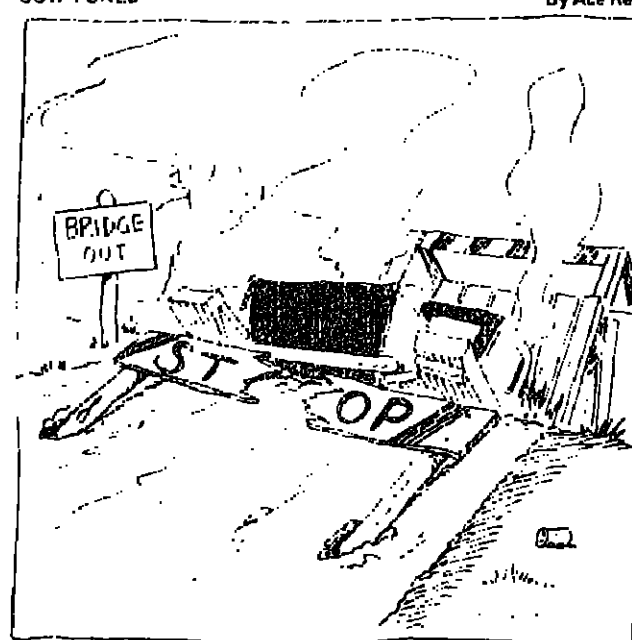
"If the label is a disincentive (for consumers), it's only because it makes consumers aware of the lower-quality ingredients that have been added to the products containing MDM, not because government had drawn a big red 'X' across the label."

NEWSPAPER (priority handling)

NEWSPAPER (priority handling)

Vol. 60, No. 41





"How in the world could I have known this bridge wuz weak?"

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## Study cites value of distillers' grain as feed for cattle

By-product of alcohol fuels production, has a cattle feed value at least equal to that of corn, according to a University of Nebraska study.

Reports CNS, there has been concern that cattle could not eat enough wet distillers' grains, or stillage, to replace the value of traditional feed, according to Nebraska Farmers Union President Neil Oton.

"In fact, the study shows that stillage may be worth up to 10% more than corn before hauling costs," said Oton.

Feedlot nutritionist Stanley Farlin conducted the research with funding from the National Farmers Union and Nebraska Farmers Union.

Farlin formulated four rations to compare the energy value of corn versus stillage. The control ration was 86% corn 10% hay and 5% urea supplement. In the other three rations, he substituted corn with stillage at 25, 50 and 75%.

The feed efficiency and gain of cattle fed stillage at about 42% was better than that of cattle fed the control ration, according to research statistics.

## Australia's cattle slaughter declines

Australia used only 80% of its cattle slaughter capacity in 1980, and only 51% is expected to be used in 1981, according to a study by the Australian Meat and Livestock Corp. (AMLC).

## Coming Events

Aug. 14-15—American Buffalo Assn. Annual Convention, Aberdeen, S.D.  
Aug. 16-23—Wyoming State Fair, Douglas, Wyo.  
Aug. 17—North American Limousine Foundation National Heifer Show, Des Moines, Iowa  
Aug. 21-30—Colorado State Fair, Pueblo, Colo.  
Aug. 27—Colorado State Fair Jr. & Open Stimulation Show, Pueblo, Colo.

HORSE AUCTIONS  
Aug. 15—Broken Spoke Ranch Quarter Horse Production Sale, Whitewater, Colo.  
Aug. 23—Nordick Annual Fall Quarter Horse Sale, Limon, Colo.

CATTLE AUCTIONS  
Aug. 10—Frazitt, Lophorn Ranch Production Sale, Amarillo, Texas  
Aug. 18—Mescalero Apache Cattle Growers 20th Annual Contract Auction Cattle Sale and Steer Tour, Mescalero, N.M.  
Aug. 22—Givon, 2,000 Head Williams 4th Annual Branding Sale, Alpine, Texas

# Ag economist says consider transmission line avoidance

Transmission towers cause both inconvenience and increased production costs due to actions taken to avoid them. These avoidance costs arise from farmers having to work around the transmission towers and will usually increase each year as production costs increase, reports a North Dakota State University ag economist.

"It is very important to a land owner that he receives a proper easement payment which will pay for all transmission line avoidance costs for present and future years," says William Nelson, agricultural economist at North Dakota State University, Fargo.

"According to North Dakota state law regulating electrical transmission lines, a land owner now has the option of receiving either a single sum easement payment or payments in annual installments over a determined number of years," Nelson explains.

The payment, either single sum or annual, should be large enough to cover all avoidance costs incurred by a farmer.

The problem with a one-time payment is that production costs may increase more rapidly than expected, thus not covering avoidance costs in future years.

Avoidance costs are affected by both the farm machine width and the tower width. Research at NDSU showed that the total annual avoidance cost per tower was \$41.16 when using machinery which ranged from 21 to 60 ft. wide and avoiding transmission towers which had a 40 ft. square based with 2 1/2 ft. of clearance on each side.

Machinery in that range represents a fairly typical farming operation.

If the total annual avoidance costs per tower were \$41.16 and remained at that cost for a tower life of 50 years, the required single sum payment to pay for costs to avoid the tower at 8% rate of return is \$503.53.

This means that if the land owner received an easement payment of \$503.53 and he invested it at 8% interest, he could withdraw \$41.16 to pay annual avoidance costs each year for 49 years and in the 50th year he would have a balance of \$41.16 left to pay for the last avoidance cost payment.

If the interest rate were only 4%, the easement payment would have to be \$884.21 to cover all avoidance costs. At 0% interest, an easement payment of \$2065 (60 years x \$41.16 = \$2,469.60) is needed. "The interest rate is a more significant factor than the machinery width in determining the compensation required to offset future avoidance costs," Nelson comments.

"Although the easement payment for towers at one time wasn't large, utility companies now pay substantially higher rates and pay not only for the land under the tower but for the entire corridor of land," Nelson says. Nelson believes that the value of avoidance costs relative to market values of the

corridor are reasonably close and that the payment on the basis of market value of land seems to be a good alternative to avoidance costs. The following example illustrates this relationship.

Suppose a farmer has avoidance costs of \$41.16 per year per tower and he has five towers on his land. Avoidance costs per year total about \$200 for all five towers. The towers will be on his land for 50 years and he will have to avoid them for that period. If the rate of return he can get by investing a lump sum easement payment is the same as or equal to the rate of increase in costs of agricultural production each year, the single sum payment needed will be \$10,000 (\$200 x 50 years = \$10,000). The \$10,000 will cover all avoidance costs for 50 years only if the interest rate and the rate of increase of production costs are equal.

The single-sum easement payment based on avoidance costs is not close to the market value of land if rates are unequal. Suppose production costs rise at a 6% rate and the rate of return is only 4% each year for 50 years. Avoidance costs for the first year will be \$200 and will increase to \$9,390 in the 50th year. Instead of a \$10,000 easement payment, the one time payment needed to generate sufficient annual revenue to pay for these future avoidance costs is \$71,070. But if the production costs rise at a 4% rate and the rate of return on investments is 8% for 50 years, the easement payment will only need to be \$4,296 to cover future avoidance costs.

The single-sum easement payment used to compensate the landowner is much more sensitive to differences between the rates is the major factor in determining a fair single-sum easement payment to the landowner when an avoidance cost basis is used. It is also very difficult as it requires projection of rates of return and avoidance costs over a 50-year period. The assumption of equality between the rate of increase in production costs and rate of return on investment may

be as reasonable as can be made for the next 50 years.

A third alternative to compute an easement payment is to annual recalculate the cost of tower avoidance and base the annual easement payment on this value. This procedure eliminates the difficulty of projecting rates of return and avoidance costs for 50 years or using the market value of land to determine easement payments. This could however result in substantial administrative and analysis costs by the utility or government unit responsible. "To my knowledge this procedure has not been used to date and would require an accurate and simple method of computing avoidance costs," Nelson comments.

## Economists find no grounds for packer monopoly charges

Several studies of the U.S. packing industry have shown there is no evidence indicating a monopoly in beef packing, according to Clement Ward, Oklahoma State University extension economist.

Ward told the Kansas Livestock Assn. annual cattle feeders conference the monopoly allegations have come from cattle feeders, congressmen and university economists, many times when cattle feeders are losing money.

Another criticism of the industry has been the use of the National Provisioner for formula pricing because of the possibility of price manipulation and questions about how representative the printed prices are of actual trade, he said.

Formula prices are generated from a price quoted on the Provisioner that is based on 5 to 10% of the carcasses traded, Ward said. Any error would have

an impact, but there is no evidence of a current problem, he said.

A House of Representatives small business subcommittee report, which indicated a 30% increase in retail prices was a result of packer concentration, is not accurate, Ward said.

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# How To Subscribe to WESTERN LIVESTOCK JOURNAL

## Show Results

NORTH DAKOTA STATE FAIR  
Minot, N.D., July 17-25

POLLED HEREFORDS  
Judge: Bob Gordon,  
Souris, Manitoba, Can.

Bulls: Champion, Carters Polled Herefords, Rocklake, on TC Mr. Domino 1M by RT CL Domino 15G. Reserve champion: Spring Bottom Farms, Fairfield, Pa., on Hilger Special 415. Junior champion, Ray Papineau, Villiston, on DBL U Justice Ban 57M by WSP PRL Justa Banner. Senior champion, Mike Nollmeyer of Penn., on LK Markman M13.

Females: Junior and grand champion, Hensault Polled Herefords, Des Moines, on Habsok's Banner, Dobby TM by WSP PRL Justa Banner. Reserve junior and reserve champion, C. Edwards Olson, Argusville, on EO M15 V1 Ban 82M. Galf champion: C. Edwards Olson on Entorcor EDM 149M. Reserve calf champion, Spring Bottom Farms on SBF Royal Queen, 8100. Senior champion, Carters Polled Herefords on Huog Fokly Calf 402. Grappie: Best six head, C. Edwards Olson. Get-off-air, C. Edwards Olson. Polled Herefords, Parham

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# Sulphur deficient crop land spells double trouble for cattle producers

Sulphur-deficient crop soils can mean double trouble on livestock farms, reports Dr. Sim Tisdale of The Sulphur Institute.

Most farmers are aware that sulphur deficiencies are becoming widespread on North American farm land, Tisdale says. Less known, however, is that this deficiency eventually limits production in ruminant animals.

Like crops, ruminants such as dairy cattle, beef cattle and sheep need sulphur in their diet. Tisdale concedes that considerably more sulphur research is needed in the field of animal nutrition, but preliminary findings in North America and abroad suggest that fertilizing crops and pastures with sulphur is a superior method to adding dietary supplements of this vital nutrient—at least as far as dry-matter intake is concerned. Tisdale says this is probably due to the increased palatability of the forage resulting from sulphur fertilization.

"Research" throughout the U.S. and in Australia, Ireland and other places conclusively has shown that one can increase milk, meat and wool production by making sure there is an adequate level of sulphur in the diet," Tisdale claims. "In each case, the increase came about by fertilizing pastures or forage crops with sulphur."

Tisdale says that sulphur can increase Vitamin A content in alfalfa, raise the chlorophyll content of clover, boost protein content of legumes and grasses, decrease nitrogen-sulphur ratios, reduce nonprotein nitrogen and nitrate content of grasses and improve quality of alfalfa.

In ruminants, sulphur plays an integral role in starch and cellulose digestion, urea utilization, protein synthesis, and microbial gas production. Without sufficient levels of the nutrient, ruminants cannot use feed efficiently or meet expected levels of production.

The importance of sulphur in agriculture is by no means new, Tisdale says. However, the nutrient has received more attention lately because soils throughout the U.S. and Canada are rapidly becoming sulphur deficient.

Two decades ago, sulphur deficient soils had been identified in 13 states, he says. Today the number is up to 36, and every Canadian province from Ontario west has reported deficiencies of the nutrient.

According to Tisdale, sulphur deficiencies have spread for three main reasons: 1) less atmospheric sulphur due to air-pollution control regulations; 2) increased use of high-analysis NPK fertilizers, which contain little or no sulphur; and 3) higher yields and intensive land use, which naturally deplete soil sulphur reserves.

Sulphur-deficient crop soils are especially common on livestock farms, Tisdale explains, because most of the land is reserved for hay and forage-crop production. More sulphur is removed from the soil when the entire plant is not just the

grain or fruit—is harvested," he explains.

For example, Tisdale says, 100 bushels of corn harvested for grain remove 10 lb. of sulphur from the soil. If that same field is harvested for silage, 17 lb. of sulphur would be removed. For the same reason, hay crops always remove large quantities of sulphur from the soil. A six-ton yield of alfalfa, for instance, removes 30 lb. of sulphur from the soil.

A sulphur deficiency also can inhibit crop response to applied nitrogen fertilizer, Tisdale adds. The nitrogen-to-sulphur ratio within the plant should be about 10-13 parts nitrogen to 1 part sulphur. Research has shown that adding nitrogen alone to a sulphur-deficient field may not increase crop yield. In fact, crop responses can sometimes go the

## Harassed hunters receive legal support by Arizona

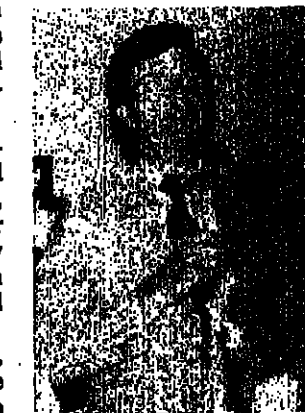
Arizona has enacted legislation to help prevent antihunting groups and individuals from harassing sportsmen while in the field, according to the Wildlife Management Institute.

The so-called hunter harassment law makes it a Class 2 misdemeanor for anyone "to intentionally harass, drive or disturb any game animal for the purpose of disrupting a lawful hunt" on public land designated a hunting area by the state.

Under the new law, anyone who enters or remains in a designated hunting area on public land "with the intent to interfere with the lawful taking of wildlife" is guilty of a Class 3 misdemeanor.

Either the Game and Fish Commission or a properly licensed hunter "who is directly affected by a violation" may bring action to restrain the violator and recover damages. A peace officer also is empowered to ask the violator to stop or leave a designated area and to arrest the person if he or she refuses.

Specifically exempted in the law are cases of



SENATOR—Max Baucus of Montana tells stock-growers he understands "BPA (Bonneville Power Authority) has been remiss in dealing with landowners. In answer to a question on power line siting, the Senator said, 'I think we've made progress in relocating the lines.' Baucus addressed Montana Stockgrowers Assn. members at their recent convention in Billings, fielding a variety of questions on federal government's role in the beef industry.

# Broilers to offset decline in hogs, speaker predicts

Broiler production will increase 3 to 5% in the next five years and will offset any decrease in hog production, according to Frank Wolney, marketing manager for Wayne Farms, a division of Allied Mills, Inc.

If the next USDA Hogs and Pigs Report, to be released today (June 22) shows a decline in pork production, the poultry industry will readily fill the gap, Wolney told the Livestock Marketing Congress in Minneapolis.

The sluggish economy, which affects consumer meat buying, will allow growth in the broiler industry to increase at the expense of the beef and pork industries, Wolney predicted.

Sales of processed poultry meat products are also expected to increase.

Diet concerns appear to be a major factor in an increase in poultry consumption, Wolney said.

At some fast food restaurants, new chicken items are more expensive than hamburger items, he said.



BRED AND OWNED—Christy Collins, Chattanooga, Okla., exhibited the champion bred and owned Hereford female at the Oklahoma 4-H and FFA junior livestock show in Oklahoma City. CVC L1 Lady Lund 510, sired by LHR L Domino 7635, received an A.I. certificate on L1 Domino 896, donated by Ken Baker's 7J Hereford Ranch, Ringling, Okla. The heifer also was named the first-place heifer calf.

## Tax rate change receives approval

The House Ways and Means Committee recently approved a package of tax breaks for small businesses that would cost nearly \$10 billion over the next five years, reports CNS.

The package, which the committee approved by the voice vote, included a change in the corporate tax rates.

Currently, corporations with taxable incomes above \$100,000 are taxed at the

maximum 46% corporate rate. But the committee agreed to widen the corporate tax brackets, raising the income threshold from the maximum tax rate to \$200,000 by 1983.

The corporate tax rate also would drop from the current range of 17 to 46% to a range of 15 to 43% in 1984. The maximum rate would then continue to drop three percentage points each year.

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Single copies of the 13-page, magazine style "Special Report" can be obtained by writing the Institute, 4900 Oak Street, Kansas City, Mo. 64112.

This year's Congress, held in Minneapolis, had as its theme "Competing For The Protein Dollar." Nearly 30 speakers and panelists explored the growing challenge to the livestock and red meat industry from competing protein sources.





**JUNIOR CHAMP**—The champion Hereford bull in the junior competition at the North Dakota Winter Show was exhibited by Craig Hagen, Williston, N.D., on SC Montana Doin 955. The April yearling is a son of Montana Domino 77008. Pictured with Hagen is Sandy Oestreich, Hannover, 1980-81 North Dakota Hereford Queen.

## Pork producers endorse science panel proposal

The nation's pork producers recently endorsed a proposal for a government panel to review scientific studies by Federal agencies when the results are controversial or have been challenged for their accuracy.

In testimony before the House agriculture subcommittee on department operations, research, and foreign agriculture, Ritchie Jordan of the National Pork Producers Council, said his organization attached the "utmost importance" to H.R. 638, introduced by Representative William Wampler (D-VA).

The NPPC testimony urged modernization of the present food safety laws and greater public and industry recognition of the mislabeling of nitrates as an example that must not happen again.

"The nation's pork producers have a vital interest in the legislation being considered at this hearing," he said. "We have had first hand experience and suffered disastrous losses from the mishandling of scientific data."

Jordan cited the "Newberne Study" released by the Food and Drug Administration in 1978 which labeled cured meat products treated with nitrates as carcinogenic only to have

## USDA develops pilot program to fight pseudorabies

USDA said recently it is developing plans for pilot projects to help determine the best methods to control and eradicate pseudorabies.

Reports CNS, USDA also will develop a way to monitor the disease status of feeder pigs in interstate commerce.

The pilot program proposal follows a request by the Livestock Conservation Institute for USDA's standards for a cooperative state-federal control and eradication program; USDA said.

A recent USDA survey showed that 8.30% of hogs tested at slaughter were positive for pseudorabies, a sharp increase from 0.58% reported in 1974 and 3.73% in a 1977-79 survey.

Although an increase in vaccination may account for some of the positive tests, USDA said it believed the number of pseudorabies is increasing.

Pseudorabies is also known as Sweeney's disease, a viral disease that causes swelling of the head and

those findings reversed in 1980.

"During the two years that the cloud of carcinogenicity hovered over the cured meat products, especially bacon, the pork industry lost hundreds of millions, perhaps a billion or more dollars because of the depressing effect on the consumption of these pork products," Jordan stated.

He said the "peer review" panel proposed by Representative Wampler would allow for a purely technical review of a study's findings and that the decision of the scientific group should be binding on the agency which conducted the study or experiments.

In addition, Jordan continued, "The present body of safety laws are outmoded, inflexible, inconsistent, implemented, and a cause of erosion of consumer confidence in our food system."

Furthermore Jordan pointed out that the Delaney clause of the Food, Drug and Cosmetic Act, and the Federal Meat & Poultry Inspection Act need amending to include consideration of both health benefits and health risks in food safety policy.

Jordan also called for one change in the legislation. He said the review panel should be made up of scientists from federal agencies including the Food and Drug Administration, Agriculture Department, Environmental Protection Agency, Occupational Safety and Health Administration, Consumer Product Safety Commission and the National Cancer Institute.

He said each agency would be represented by a senior scientist with a small staff with their duties limited to the work of this interagency council.

Meat products with high-volume sales—including canned meats, luncheon meat, beefburgers, sausages and meat pies—will be required to meet a specified minimum meat content, according to the proposals.

All meat products, other than cured meat, will have to carry a declaration of their total meat content. Cured meat products, including ham and bacon, will be required to carry a declaration of any curing solution in excess of a specified amount.

Under the proposed plan, compositional standards will be condensed into seven categories instead of 52 types in the current regulations manual.

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## Hallett says October grade proposal likely

There is enough momentum in the cattle industry for a change in beef grading standards that USDA is considering a proposal, according to David Hallett, chief of USDA's Meat Grading.

Reports CNS, the USDA grading change proposal is not expected before early October because of the research involved, Hallett told the annual Kansas Livestock Assn. Cattle Feeders Conference. After the proposal is approved by USDA, it will be sent to the Office of Management and Budget for a 90-day clearance period, he said.

There also is a possibility for changes in yield grading that would allow packers to trim some external fat on the dressing floor, Hallett said. A change in yield grading would be incorporated in a quality grading change proposal, he said.

One aspect of the quality grade proposal yet to be decided is whether the contribution of the 0.8-inch fat thickness and only slightly yellow fat color, as suggested by the National

## U.K. revises its meat regulations

The U.K. Ministry of Agriculture has devised a new set of proposals regulating the composition and labeling of most meat products, as part of a plan to standardize this area throughout the European Economic Community by July 1988, the Ministry said recently.

Reports UCN, the proposals submitted to all sectors of the industry for debate will be "simpler" and "more flexible" than the current body of laws, which were established under the Food and Drug Act of 1956, the Ministry said.

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Cattlemen's Assn., is worth the problem it could create for meat graders, Hallett said.

The NCA proposal calls for a minimum of 0.3 inch fat over the ribeye at the 12th rib and a fat color no more than slightly yellow while de-emphasizing marbling as a grading criterion. The NCA proposal would allow the top third of the Good grade to qualify as Choice and the top third of the Choice grade to qualify as Prime. The NCA contends the changes will allow leaner beef to qualify for the most-desired Choice grade while reducing producer costs.

The NCA proposal was designed to increase beef's ability to compete with pork and poultry, according to Gene Schroeder, chairman of the NCA grading



**PROMOTED**—Steve Munday was recently promoted by the Texas and Southwestern Cattle Raisers Assn. Munday, former editorial director of The Cattleman Magazine, will be responsible for media and government relations.

committee. Modernizing the grades will improve the image of beef and have a positive impact on cattle feeding profits, Schroeder said.

However, the change in beef grading will not change the economics of supply and demand, Hallett said. The additional criteria—fat thickness and color—will ensure that cattle have been fed grain, he said.

The proposed changes in beef grading will have an adverse effect on the hotel, restaurant and institutional (HRI) trade, said Mel Salomon, a member of the beef grading committee of the National Assn. of Meat Purveyors (NAMP), which opposes the NCA's proposal.

According to the National Restaurant Assn., Salomon said, 25% of the U.S. beef production is sold through restaurants. If the restaurant industry cannot obtain the kind of beef desired at an economical price, beef entrees will be replaced with other items, he said.

The change in grading in the mid-1970s was partially designed to increase cattle feeding profits, Salomon said. However, it was not successful, he said.

The NAMP believes a lowering of quality standards, to allow more beef to grade Choice, will reduce the palatability and the quality of beef at a time when consumers are turning away from beef, he said.

The HRI industry may have to resort to the use of private grades, Salomon said. Also, the grading

change will erode U.S. beef exports, because of lower quality, he said.

The cattle and beef industries and the government should promote leaner beef rather than change the grading standards, Salomon said.

## Court says O.K. to LTV spin off

The LTV Corp. announced recently that a Federal Court has ruled the firm can spin off Wilson Food Corp. through a stock distribution as planned, an LTV official said.

Reports CNS, the court rejected the claims of some special international bond holders that they were entitled to a portion of the stock distribution without converting the bonds to common stock before the distribution date.

LTV, an \$8-billion-per-year multi-industry firm with holdings that include steel, heavy equipment and ocean shipping, now will proceed with a July 31 stockholders meeting to distribute the Wilson stock. Wilson is a \$2-billion-per-year meat packing and food products firm that had been a wholly owned subsidiary of LTV before LTV announced Wilson would be spun off.

LTV common stock holders will receive one share of Wilson stock for every 10 shares of LTV stock held and LTV special stock holders will receive 1.5 shares of Wilson stock for every 10 shares of special stock held.

## Production may exceed U.S. track capacity, says USDA

Agricultural production in the decade of the 1980s will have to run at full capacity for the first time in decades to meet growing demand for American farm products overseas, but a hitch could develop because of inadequate rail transportation, analysts with USDA warn.

Agricultural economist Patrick M. O'Brien of the USDA's Economics and Statistics Service said volume increases in moving products in the 1980s will be "substantially greater than the record levels of the late 70's"—even as rail track-age continues to shrink because of bankruptcies, abandonments, merger, consolidations and other rail problems.

By 1985, O'Brien predicts the increase in volume of agricultural exports could be as high as 775 million tons, compared to the 560 million tons moved annually in the late 1970s.

## Senate considers bill to ban sugar, salt from lunches

Legislation introduced recently by Senator Claiborne (D-R.I.), would ban the sale of foods containing sugar or added salt to schools participating in the Federal School Lunch Program, reports CNS.

The bill would require all bread items served in schools to be made from whole grains. It also would require schools to plan lunches that are low in salt, fat and sugar content.

And railroads are the key to averting transportation logjams as the nation moves toward being the world's major supplier of food and feed and offsetting the trade deficits which characterized the 70's and early 80's he said.

O'Brien said the total agricultural transportation system's efficiency has increased from the late 1970s but mainly through "more intensive use of existing capacity than system expansion."

In recent years, he said, increased truck and barge traffic have helped take up the slack while the rail system's capacity actually declined.

But the railroads, which account for 1/4 of all agricultural traffic, are the key to moving agricultural products in the future, O'Brien said. Only the railroads can move products in the bulk and at the rates that will be needed.

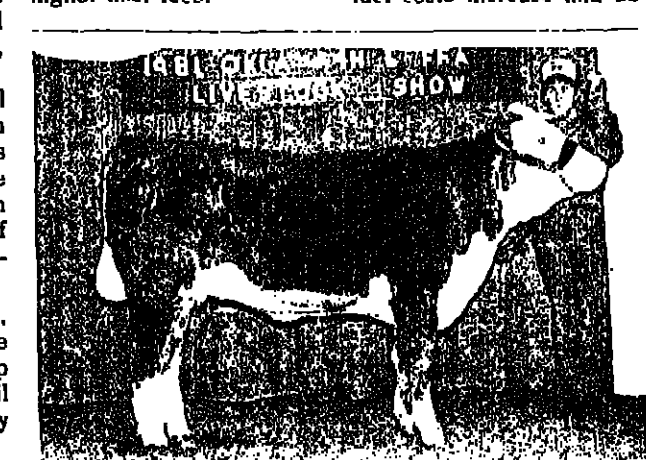
"The 100 million to 150 million ton-mile annual increases needed to raise throughput to the 3.2 million ton-miles likely to be needed by 1985 will depend on expanding the transportation system's overall capacity as well as on maintaining system use at close to full capacity," O'Brien said.

Barge and truck traffic are not likely to expand fast enough to handle the increase and both will be faced with big problems in the future, the agricultural economist said.

Barge traffic, which now accounts for about 25% of

all volume of goods moved, "is likely to fall off substantially due to constraints on inland water systems," he said. These include higher user fees.

And truck traffic, which accounts for over 1/2 of the total volume of agricultural products moved, is also "likely to slow in the 80's as fuel costs increase and as



**GENERAL'S DAUGHTER**—Charles Spencer, Jr., Elgin, Okla., exhibited the grand champion Hereford futurity heifer at the Oklahoma 4-H and FFA junior livestock show in Oklahoma City. TH Miss L1 Gen 19, a spring yearling daughter of L1 General C 11, was purchased from T.R. McCalla, Chickasha, Okla. Spencer received a \$1000 check from the Oklahoma Hereford Assn.



**CHAMPION FEMALE**—The champion Hereford female at the Oklahoma 4-H and FFA junior livestock show, Oklahoma City, was shown by Scott Bulling, Orlando, Okla. His spring yearling entry, JCB Dominette 9436, is a daughter of BB Domino 704.

the current surplus of trucks disappears," O'Brien said. Yet, while railroads have problems, better maintenance and better management of available trackage

## Plan opens new avenues for beef

USDA has proposed new rules governing the ingredients that can be used in liver sausage and braunschweiger in an effort to give processors more options in formulating the products, reports CNS.

Under the proposal, meat processors could make braunschweiger and liver sausage without pork, include fresh or frozen pork in the products, include beef or veal and could use veal livers. Current regulations require the two products to contain some pork.

According to Donald Houston, administrator of USDA's Food Safety and Inspection Service, the proposals would give producers of the two products more ingredient options without altering the basic characteristics of the products.

The elimination of the pork requirement would allow processors to sell braunschweiger or liver sausage products made entirely from beef or veal. The proposal would require products made from only one species to be labeled accordingly—for example, "beef braunschweiger," or "pork liver sausage."

The proposal also would permit the use of beef fat in the products.

should be sufficient to handle the sharp increase in volume—except in certain areas where abandonment or bankruptcies pose special problems, O'Brien said. And one of those areas is the Great Plains generally, says William W. Gallimore, an agricultural economist who is also with the Economics and Statistics Service of USDA.

"The present transportation system should be adequate for handling the expected increase in grain exports, although ports may be congested," he said.

But, Gallimore added, areas with rail abandonment or lack of access to water transportation will have "more intense problems."

In general, he said, "main rail lines appear adequate with the exception of the Great Plains states served by the Milwaukee and Rock Island Railroads, which are bankrupt."

## Eradication plans effective in Haiti

A formal agreement authorizing a multi-nation effort to eradicate African swine fever in Haiti has been signed by the Haitian government and the International Institute for Co-operation in Agriculture, USDA said.

The eradication program will cost more than \$17 million and require up to two years to complete, USDA said. After eradication of the disease, plans call for the repopulation with hogs.

## Georges Creek Ranch

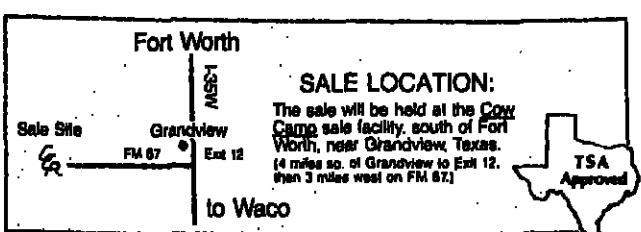
## Purebred Simmental

Total Dispersal Sale  
Sat., Aug. 29 • 11:00 a.m.

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The complete GCR purebred herd representing more than ten years of programmed genetics and selection will sell in its entirety—pairs, three-in-one packages, heavy springers, bred and open heifers. This offering includes the entire Georges Creek Ranch purebred polled unit. To accommodate our expanded fullblood operation, our purebred herd must be dispersed.

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Bridger Canyon  
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Weanlings  
Yearlings  
Halter Prospects

Broodmares  
Three-In-One Packages  
Performance Prospects

Some of the mares selling:

**QUATIE LADY** - 1976 bay mare (Rainy Jet by Jet Charger - Snooky Play by Foul Play) Dam of Halter class winner.

**JAG ON BABY** - 1972 chestnut mare (Jag On by Jaguar - Bonanza Baby by Ed Heller) Show ROM in Western Pleasure with points in Trail and Halter. Youth points in Halter, Showmanship, Trail and Western Horsemanship.

**HAPPY CHAR BAR** - 1968 bay mare (Mr Charge Bar by Super James - Sue Taylor by Ricky Taylor)

**CHERRY BLANTON** - 1969 sorrel mare (Mr Blanton by Lucky Blanton - San Siemon Rosey by San Siemon)

**DUSTY'S BELLE** - 1971 brown mare (Dusty Dear by Bobby Welmer - Smoot's Wings by Senator McCue) Halter class and Team Roping (heading) class winner.

**BLANTON'S KITTY** - 1972 brown mare (Mr Blanton by Lucky Blanton - Cherry Blanton by Mr Blanton)

**WILMETH'S ROSE** - 1971 red dun mare (Mr Blanton by Lucky Blanton - San Siemon Rosey by San Siemon)

**MISS ARLEE BARS** - 1965 palomino mare (Barred Bar by Mid Bar - Super Anita by Super Chief)

Also selling: **BILLIES SURPRISE** - 1980 Reserve MQHA Yearling Mare

Selling the Get and Service of:



**NIK A DEE BAR**  
1980 MQHA High-Point  
Aged Stallion





**WINNER**—The grand champion of the 1981 Texas International Junior Brangus Heifer Show in Sulphur Springs was Regals Miss Wil 9101, owned by Shannon Sharpe, Marshall, Texas. Pictured are: Ludwig Brand (left), IBBA president, Brand's Brangus of Round Top, Texas; Judy Brand; Judge Jim Williams, Hungerford, Texas; Shannon Sharpe and Pablo Sharpe, both of Marshall, Texas; Chris Cooke, Norman, Okla.; and Jason Cooke (front), Norman, Okla.

## Match forage for water by rating use efficiency

Ranchers who have irrigation waters for forages should select the species best suited to the amount of water available because forage species vary greatly in water use efficiency.

Some dryland species, such as blue grama; crested, slender, and western wheatgrasses; and green needlegrass, produce more feed per unit of water used. However, these species cannot use much available water and any excess added is not used for forage growth. Alfalfa and most irrigated grasses require relatively high amounts of water per unit of forage produced.

"But, where irrigation water is not limited, alfalfa and irrigated grasses will produce the most total forage," says USDA soil scientist Merle Fairbourn, Cheyenne, Wyo. These species have the ability to utilize high levels of water.

"The response of dryland grasses was surprising.

## Simmental: Campaign wins advertising honors

An advertising campaign, built around the mushrooming popularity of Simmental cattle, entitled "What's Behind the Simmental Explosion?" has recently won a number of advertising industry awards.

Conceived by the American Simmental Assn. board of trustees, acting as the promotion committee of the Bozeman based organization, the campaign was developed in cooperation with Wendt Advertising Agency of Great Falls, Mont. Seven four-color ads, featuring Simmental cattle and reinforced by research data were produced and placed in 68 agricultural publications nationwide.

Awards received include: 1) first place for "A Color Series in Farm Publications," by the National Agri-Marketing Assn., Rocky Mountain Region; 2) second place in the "Best in the West" competition, sponsored by the American Advertising Federation, which covers 18 Western states; 3) first place for Business and Farm Publications full-color ad, All-Montana competition; and 4) first place for "Magazine Advertising Any Color in Black and White," All-Montana.

## LMI chairman suggests bank to spur meat trade

The livestock and meat industry should carefully explore the establishment of a specialized international bank for livestock and meat commerce to spur trade, according to the chairman of Livestock Merchandising Institute.

Glen Allen, president of Allen Enterprises, Topeka, Kan., made the suggestion in a speech before the 4th World Meat Congress, held recently in Cape Town, South Africa. The congress is held every two years and is sponsored by the International Permanent Meat Office, headquartered in Madrid, Spain.

Allen's speech was titled, "Financing The Expanded World Livestock and Meat Trade." He said the new bank might have to be developed in cooperation with existing international banking institutions.

"This industry needs a specialized banking system that is fully cognizant of the industry's opportunities, and conversant with the specialized needs for handling perishable products," he said.

Allen, who has over 20 years experience as an agricultural consultant and has traveled to over 100 countries, also predicted the new bank "might receive encouragement from the regular international banking institutions because of the problems they have experienced in handling their customers in this industry."

Financing is one of four groups of factors acting as impediments to international livestock and meat industry trade, Allen said. "Financing is always more difficult to arrange for perishable products, and only those international banking institutions familiar with the special financing requirements of a perishable product usually participate in handling the international meat trading community," he said.

The other factors impeding international meat trade, he said, are those associated with quality and health, transportation and storage, and trade policies and terms.

Allen also suggested that the international livestock and meat industry "organize and unify its efforts to bring about changes in the economic, political and social practices of the various countries to reduce some of the costs associated" with these factors.

To do so, he said, would "promote a more prosperous trading system and provide potential cost savings."

USDA has proposed rescinding all screwworm inspection, spraying and dipping requirements in its regulations governing the interstate movement of cattle, reports CNS.

The proposal would effectively remove interstate movement regulations from 89 counties in southern Texas—the only areas now subject to the requirements.

USDA said the inspection, spraying and dipping procedures are no longer considered necessary because of the success of USDA's screwworm eradication program. Only two screwworm cases were reported in the U.S. during 1980 and only five cases have been reported in 1981.

Screwworms are the parasite larvae of the blowfly species and feed on the flesh of warm-blooded animals. Untreated cases can seriously injure livestock and are sometimes fatal, USDA said.

ing estimated at about \$2.3 billion (in U.S. dollars) or 5.4% of the estimated industry commerce."

Based on average prices for about 30 different product categories, Allen estimated the value of world trade in livestock and meat at about \$43.2 billion in U.S. dollars.

The estimated credit needs of the industry, Allen said, are about \$13 billion in U.S. dollars "based on a 120-day payment procedure." The interest costs on this financing, using a 10% interest rate, are \$1.3 billion, he noted.

If the industry could achieve savings of \$2.3 billion in U.S. dollars from reducing or removing some of the (trade) restrictions mentioned earlier, Allen said, "the savings would finance the interest costs for a 75% increase in world meat trading."

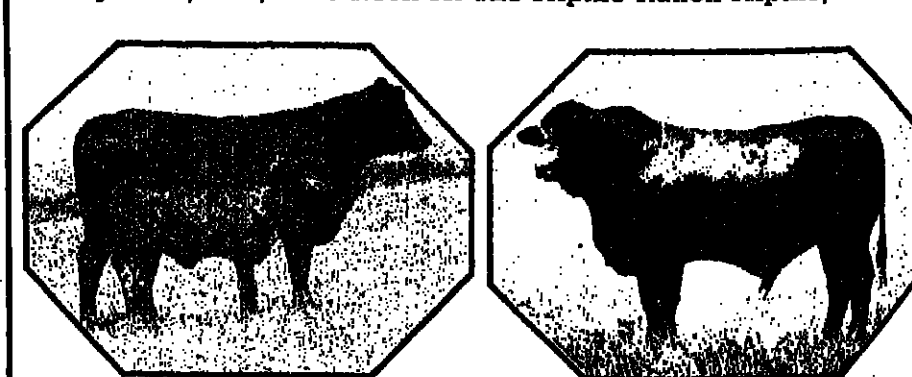
And, he pointed out, developing a specialized banking system that was accustomed to the practices of the industry and which could "reduce the turnover of money from 120 days to 60 days also would double the amount of trading the industry could do with the same credit line."

The opportunities for a profitable expansion of world trade in livestock and meat "may be limited only by our imagination and willingness to promote improved trading practices in all sectors, from farmer to consumer, and to develop new specialized financial institutions," he said.

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—Compiled by VIRGINIA THOMSON

**COME JOIN THE FUN**  
AT THE WILLIAMS 4th ANNUAL BRANGUS SALE  
August 22, 1981, 12:00 Noon At The Alpine Ranch Alpine, Texas



Miss Williams 460/8  
LOT 69: PAIR—Daughter of "942" 1977 International Champion Bull. Heifer calf at side born 4/4/81 sired by Thunder (who salls as Lot 1).

The Offering:  
\*OPPORTUNITY KNOCKS  
For the first time ever—offering for sale is interest (both breeding and meat) in the PRIDE OF THE WEST. The WILLIAMS BRANGUS BRED stock are on loan to interest of and purchase. Purchase will have 90 days to take delivery to make selection.

\*19 EMBRYO DONOR COWS  
There will be embryo interests sold in the top five donor cows from the first Brangus herd and five from the J.W. Brangus herd plus nine cows already in the Williams herd. Possibilities will sell in a few of these cows.

\*ADDED FEATURES  
1/4 Semen Interest, no possession in THUNDER (bull brother to Tempo) 1/4 Semen Interest, no possession in PRIDE OF THE WEST (bull brother to Tempo) Certified Red Bull in the Brangus herd.

\*4 TOP BULL CALVES—3 sons of General C-28, Lot 1 of "80", and selling W. semen interest, no possession in our best "80" calf.

\*4 YEARLING BULLS—3 sons of "80" and 1 son of "80".

\*14 OPEN HEIFER CALVES—Daughters of "80", "84", "86", "88", "90", "92", "94", "96", "98", "100", "102", "104", "106", "108", "110", "112", "114", "116", "118", "120", "122", "124", "126", "128", "130", "132", "134", "136", "138", "140", "142", "144", "146", "148", "150", "152", "154", "156", "158", "160", "162", "164", "166", "168", "170", "172", "174", "176", "178", "180", "182", "184", "186", "188", "190", "192", "194", "196", "198", "200", "202", "204", "206", "208", "210", "212", "214", "216", "218", "220", "222", "224", "226", "228", "230", "232", "234", "236", "238", "240", "242", "244", "246", "248", "250", "252", "254", "256", "258", "260", "262", "264", "266", "268", "270", "272", "274", "276", "278", "280", "282", "284", "286", "288", "290", "292", "294", "296", "298", "300", "302", "304", "306", "308", "310", "312", "314", "316", "318", "320", "322", "324", "326", "328", "330", "332", "334", "336", "338", "340", "342", "344", "346", "348", "350", "352", "354", "356", "358", 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## WESTERN LIVESTOCK JOURNAL

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## EMPLOYMENT WANTED 1

**EXPERIENCED RANCH HAND,** married, reliable, good horse sense, willing to accept responsibility. 408/879-2715.

**COUPLE, EXPERIENCED** in all ranch work. Will relocate. References. Muguervo, 5815 Granite Reef, Scottsdale, AZ 85253.

**RANCH MANAGER** available. Ranch for myself until 1977 in Colorado and Florida. Manage this Oklahoma ranch since February, 1979. Increase crop production, calving percentage and yearling weights. 918/482-5718 or 482-5771.

**LIFETIME EXPERIENCE.** Seeking permanent employment, manager, assistant manager or foreman. Experienced with livestock, irrigation, machinery and budgeting. Resume and top references including present employer, J.P. McAllister, 502/882-5622.

**COWMAN.** Desires position on cow/calf ranch. 11 years experience. Know mountain and high desert range. Inseminate, pregnancy check, practical vet, keep records. Looking for permanent work in Rocky Mountain states. Write Ad Dept. 608 c/o WLU.

**RETIRED, MARRIED,** farmer, rancher, 45 years experience all phases, steady, sober, non-smoker. Have hired hundreds should know what you need. Caretaker for horse operation. 200/877-2785.

**WORKING MANAGER** lifetime experience with livestock. Prefer working ranch, cow/calf or yearling operation. Would consider feeding, doctoring, management of all types of equipment. Ralph Judson, Box 515, Johnston, CO 80543. Phone: 303/587-2805.

## EMPLOYMENT WANTED 1

**DEPENDABLE, MATURE** couple desire ranch work. New Mexico, Colorado or Wyoming. Lifetime experience. Wife excellent ranch cook. Will work. Non-drinkers. Write Ad Dept. 607 c/o WLU.

**RANCH MANAGER/foreman,** 32, seeks position with well established horse or cattle ranch. Dependable, honest and able to assume responsibilities. Life time experience and degree in Animal Science. Good prospect for PR man in a livestock organization or company. Prefer California but will relocate. Write Ad Dept. 605 c/o WLU.

**RANCH MANAGER** highly experienced and motivated individual for administering large commercial cow outfit. In-depth management background. Strong in aggressive marketing, management in the field and office, bookkeeping, budget projection, budget control and performance. Able to handle 3 men or 30 men. Also, carry out effective and proper maintenance program, even if it means rolling up the sleeves and repairing the problem myself. College educated (Ag. Management), but first hand knowledge from on job experience. Veteran. Commercial Pilot License. Practical vet and farrier. Excellent test, apt. and integrity. No or corporation ownership. In the northwest region. Ranches area: no problem. Write Ad Dept. 606 c/o WLU.

## HELP WANTED 2

**STEADY, EXPERIENCED** man for working foreman position. Hereford range operation. Good horse plus salary. 2R Hereford Ranch, P.O. Box 47, Santa Rosa, NM 88435. 505/472-1311.

**AGGRESSIVE WORKING** ranch manager for 1,100 head, central Nevada, cow/calf operation. Looking for man current with modern livestock and farming practices, understanding range cattle. Only hardworking, self-starter need apply. House, utilities, food, clothing, etc. Send resume to: Box 45, Eureka, NV 89318. 702/237-5259.

**RELIABLE MAN** or couple (no school age children) for year around ranch/farm work. Trailer furnished. Medical insurance, plus profit sharing when eligible. Remote location (22 miles from town). Present employees have been with us 7 years but we are growing and need more dependable help. Send references from former employers or call: Dean R. Stephens, 210 T. J. Ranch, 2380 South 3270 West, Salt Lake City, UT 84118. 801/972-4474.

## CONTROLLER LIVESTOCK OPERATIONS

Our client, an integrated southwestern cattle production firm is seeking dedicated candidates with a livestock/controlling and sales background. Excellent salary and other benefits. For consideration, send resume, age, sex, to: **LOKEN & ASSOC.** 430 N. Cleveland Ave., Loveland, CO 80537.

## HELP WANTED 2

**WANTED: RETIRED** couple to live on ranch. Nice, 2 bedroom home in exchange for caretaking and law chores. 702/483-3460, evenings.

**NEED:** Young family man to manage small cow outfit in northern California. Nice home. Must be experienced. Send resume to: P.O. Box 138, Eureka, CA 95501.

**EXPERIENCED HERDSMAN:** w/offer, heavy equipment, hay equipment maintenance. Prefer married man. House, utilities, meat, milk. Detailed references. 303/688-4600.

**MAN WANTED** for top registered Polled Hereford operation. Good salary, home and insurance. Antonio Mountain Ranch, Jack Farmer, Petaluma, California. Phone: 707/763-9637.

**MANAGEMENT TRAINEES** for agri-business company engaged in cattle feeding. Call: Judd McManigal, 402/397-2600 or send resume to: Judd McManigal, Co., 10050 Regency Circle, Omaha, NE 68114.

**WANTED:** A working cow foreman on ranch in northeastern Nevada. No school available. Good housing. Non-drinker required. Call: 702/629-0518 or write: Bill Kane, Tuscarora, NV 89834.

**OLDER, RETIRED** man and wife non-smokers/non-drinkers to trade out light cow duties in exchange for house rental. Must have knowledge of cattle feeding and care of herd of approximately 50. Call: 702/825-4402.

**MARRIED MAN** for central Nevada, open range, cattle ranch. Will to cook part time. Must be experienced in all phases of cow/calf operation. Send references from former employers. Write Ad Dept. 589 c/o WLU.

**HERDSMAN** for small purebred herd. Overseer/irrigation, hay, general working management position. Experience vital, references required. House and utilities furnished. Please send qualifications to: 68 Ranch, Rt. 7, Box 718, Nevada, ID 83651.

**HEAD COWBOY:** Northern Nevada, single. Must be experienced in all aspects of commercial, cow/calf operation. Riding, practical vet and farrier. Permanent job. Salary based on experience. Send references. Write Ad Dept. 603 c/o WLU.

**WANTED:** A settled, married horseman for well established, Colorado Quarter Horse ranch. Must have experience in breeding, foaling, conditioning and riding skills. Show experience helpful. Horse Patch Farm, 203/688-4765.

**RANCH FOREMAN** for Nevada ranch. Must know raising and irrigation, some sprinklers and some grain plus alfalfa hay. Small feedlot. Top salary, house and utilities furnished. Health insurance, school available. Excellent job for the right man. Write Ad Dept. 588 c/o WLU.

**YOUNG FAMILY MAN** for small, 233 acre ranch. About 100 head cattle, 8 horses, 3 acres fruit trees. Pretty, secluded valley about 1 hour from Los Angeles, 15 minutes from Lancaster Palmdale, 4 hours. Nice living quarters. Well trained, seeking permanent position. Salary open. Call: 213/897-4533.

## CUSTOM SERVICE 2B

**NEW ONE** Tom Hession, better work after Ad Dept. Will travel. Phone: 702/752-3433.

**FALL CALVERS A.I. SERVICE** Available: Fully qualified, experienced technicians. Heat riding, careful record keeping, well equipped. Will travel. For details, call: 503/884-7898 or 503/882-1218.

**REGISTERED ANGUS** Bulls, replacements, heifers, cow pairs. Excellent bloodlines. Spencer, Angus Ranch, Santa Maria, California. 805/922-2211.

## CATTLE 5

**BRED COW LIQUIDATION** 1,100 Head Private Treaty Cattle located in eastern Oregon (Baker Valley) Angus and Angus Crossbred Cows Bred to Chianina Bulls

**Sale Offerings:** 830 Black and Black Baldy, 4 to full age, 75% are 4-8 years old bred to Chianina Bulls, 630 calves February 1982, 200 calves November 1981. 285 Hereford, Lincolnshire cross, Shorthorn, Charolais cross. 4 to full age, 90% are 4-7 years old. Bred to Chianina, Limousin and Simmental bulls, calves in February 1982.

**Also Selling:** 27 Chianina bulls, 11 yearlings, 5 two-year-olds, 12 three's. Purebred and 87-8% black and grey.

**SPECIAL NOTE:** This offering is a complete liquidation of Hodonfield Cattle Company's cowherd necessitated by a management change of ranch purposes. All cattle are offered private treaty for full delivery. For further information, terms and a listing of all age groups and prices, contact:

**HODONFIELD CATTLE COMPANY** Box 158, New Powder, OR 97867  
 Gary Haddon: 503/886-3332; Rick Haddon: 503/886-2368  
 Bob Hodonfield: 503/886-6393

## CATTLE 5

**REGISTERED CHAROLAIS:** 2 heifers, 2 bred cows, 1 with calf at side. 805/882-2023.

**LONGHORN BULLS** for sale. LAF MAGEE, Danville, California. 415/837-7228.

**PROJECT CALVES** for sale. Exotic crosses. Good potential for 4H projects. Call: 918/822-0977.

**30, BIG BEEF,** Red Brahman bulls, 2 to 3 years old. Pre-season price at \$1,200. 209/382-0320.

**ROPING AND DOGGING** steers. Fresh, Mexican Corrientes, good horns. Fairplay, Colorado. Sonny Root, 303/836-2228.

**REGISTERED RED ANGUS** Cows, heifers and bulls  
 PHONE: 303/888-3559

**80 SANTA GERTRUDIS** crossbred steers for November 16th delivery. 800 lbs. Western Nevada. 702/483-3127.

**Need Help?** Qualified people are waiting to contact you.  
**SIMMENTAL BULLS AND HEIFERS** Range ready, performance tested bulls and percentage to pure bred foundation herds available. Six-L Cattle Company. Phone: 818/934-4933 or 934-3817.

**EMBRYO TRANSFER** Registered, Polled Hereford embryos transplanted in your commercial cows. 80 day guaranteed pregnancy. Quality bloodlines, choice of sexes. For details, call: Snider Polled Herefords, 209/559-3691

**BRAHMAN BULLS** Yearlings and 2-year-olds. Our bulls will sire the good, F1, fast growing calves. Dred in the west.  
**AVON DAVIS** 13870 Ave. 28, Chewheille, CA 93810. 208/686-2273.

**FOR SALE:** 125, young, fall calving cows to start calving September 21st. 100 heifers bred to Longhorn bulls to start calving September 15th. Dick Glenn, Rye, CO 81068. Call: 716/811-495-2344.

**BRAHMAN CATTLE** Registered bulls and cows. All ages, red and gray. Some Polled also F1.  
**L Bar W** and **Cattle Co.** P.O. Box 839  
 Hollister, CA 95023  
 PHONE: 408/637-6870  
 208/722-5577  
 408/837-0449  
 503/882-1223

**SMALL ANGUS HERD** Select group of 10, registered Angus cows. Bred for fall calving to Antkhan Dynam and Rito cross. Pretty, well bred, mostly breeding. Equipment available also. Visio Robles Angus, 808/488-3395.

**MATCHED HERD** 120 Head, 3-year-old, 2nd calf Hereford heifers bred to Black Angus bulls. Due to calves September 8th—November 22nd. Calfed bange free. Must ship by 3rd week of August.  
 Also  
 Ready to ship about November 1st, this year's calf crop: 160 head (both sexes) Red Angus/Hereford crossbred. All calvehead vaccinated. All calvehead vaccinated. Easy to inspect.  
 Bob Anderson, Overland Cattle Co., P.O. Box 3008, Las Vegas, NV 89101. 505/425-3988.

**FOR SALE:** 1,620 Brangus cows, 240 Brangus heifers to calve September 15, 1981. 200 heifers to breed this winter, 120 Brangus and Hereford bulls, all or part. Excellent bloodlines. All well pastured year around on ranch with management available. 209/886-1592 or 805/489-9182.

**WANTED!** Registered Horses  
 For all breed sale  
 Sunday, September 13th  
 Warren Show Grounds  
 Santa Barbara, California  
 Mike Hoch, Auctioneer  
 For Entry Blank  
 PHONE: 714/822-8438  
 or 714/885-8438

**1977 GELDING** Branded, gentle, sound, excellent reined cow horse. Does it all well. A class horse. \$3,500. 209/758-3882.

**REGISTERED KELPIES.** Started dogs, breeding stock, pups. Guaranteed training available. Range Riders Kennels, 206/888-1558.

**KARAWARRA KELPIES** Guaranteed working dogs, both parents and stock dogs. Caesar breeding. Puppies weaned June 12, 1981. Call: 818/477-3589.

## Dog-gone

when you sell your dogs through WLU's Classified Corral

## CATTLE 5

**A CHOICE 1 1/2-year-old** Simmental bull for sale. M. Fournier, Phone: 408/885-2003.

**GOOD SELECTION,** 2 and 3-year-old Brangus bulls. Tested and proven. Phone: 702/752-3433.

**REGISTERED, POLLED** Hereford yearling bulls. Brookhollow Ranch, Hollister, California. 408/837-0977.

**BRANGUS BULLS** FOR SALE  
 30 Registered 2-year-old Brangus bulls.  
 PHONE: 817/335-4281  
 or 824-7523

**DISPERSION SALE:** 83 bred, Black Baldie and Hereford heifers. Start calving September 15th. Richard Cross, 207/358-3891. Douglas, Wyoming.

**90 HEAD OF CHOICE,** young, crossbred, fall calving cows. 75 day calving period. All raised by top. Priced reasonably. Call: 702/867-3341.

**25 ANGUS PAIRS,** 25 whiteface pairs. These cows are young with good calves at side. Oren McDonald, Porterville, California. Phone: 209/781-1190.

**OUTSTANDING GELBEVIEH:** 15, bred, purebred females, 3 open, purebred females, 1, polled cow. For information, call: 209/382-0320.

**BEEFMASTER BULLS** for sale  
 Age one to three years. Head'n an Heel'n Ranch, Lincoln, CA 95648. 916/845-2383.

**DISPERSAL:** 65 Charolais, young cows with calves at side, 25 two-year-old heifers open, ready to breed. Also yearlings, good calves. 213/771-9000.

**70 OPEN REPLACEMENT** heifers coming 2's, Black and Red Angus crosses, bangs vaccinated. LeMaiche Ranch, Gonzales, California. Phone: 408/675-3841.

**BRAHMAN BULLS AND HEIFERS** 2-year-olds, yearlings and calves. Victor Plancher, Deamans Salzar, herdman, 1542 E. Shields, Sanger, CA 93657. 209/876-3197 or 209/439-4633.

## EXOTIC ANIMALS 5B

**YAK RAISING AND CROSS-BREEDING.** Information: P.O. Box 734, Newcasilo, WY 82701.

**BUFFALO** 100 Cows and calves for fall feedlot. Located in southern Wyoming. Brucellosis tested. Steve, 916/686-3321.

## GOATS and SHEEP 6

**SUFFOLK EWES:** 70 head, yearlings and 2-year-olds. Fallon, Nevada. 702/423-4521.

**FOR SALE:** 15, registered Suffolk ewe lambs, 12, registered Ewes, yearlings to 3-year-olds. Karla Weishaupt, 3775 Lawrence Lane, Fallon, NV 89406. 702/423-2076.

**REGISTERED SUFFOLK FLOCK** 48 Ewes, 1-5 years, average 1.5 years, 8 buck lambs, 2 lamb on Ewes. Complete dispersal. Write: Newell Sheep Co., Rt. 1, Box 2808, Gardnerville, NV 89410. No phone, sorry.

**HORSES, JACKS, MULES 8**  
**REGISTERED PERCHERON** stallions, 5-years-old, 1,800 lbs. dapple grey. Bires good colts. 505/758-2150.

**WANTED!** Registered Horses  
 For all breed sale  
 Sunday, September 13th  
 Warren Show Grounds  
 Santa Barbara, California  
 Mike Hoch, Auctioneer  
 For Entry Blank  
 PHONE: 714/822-8438  
 or 714/885-8438

## DOGS 9

**REGISTERED KELPIES.** Started dogs, breeding stock, pups. Guaranteed training available. Range Riders Kennels, 206/888-1558.

**KARAWARRA KELPIES** Guaranteed working dogs, both parents and stock dogs. Caesar breeding. Puppies weaned June 12, 1981. Call: 818/477-3589.

## Dog-gone

when you sell your dogs through WLU's Classified Corral

## DOGS 9

**SMITHFIELD STUBBIE** Heeler pups. 503/887-2892  
 Dayton, Oregon

**MALE McNAB cross,** 800-acre dog. Works good. Call: evening. 505/454-1721. Modesto, California.

**TROTTER'S McNABS.** Registered pups, weaned June 21, 1981. Excellent stock dogs. 918/549-4938.

## AUCTIONS 10

**FOR SALE: KANSAS LIVESTOCK AUCTION MARKET.** All facilities in A-1 condition. Computerized sales gives average weights. Dipping vat. High return on investment. Sell on contract.  
 Martin Carlson  
**CONESTOGA REALTY**  
 Grand Island, NE 68801  
 PHONE: 308/381-0114  
 Residence, 381-1702

**ONE OF THE WEST'S LARGEST RANCHES** (890,000 Acres, more or less)  
 Located in south central Oregon in a scenic valley. Total beef production estimated at 12,000 plus animal units. Over 20,000 acres of deeded land irrigated or sub-irrigated from creeks. Possibility of further development. Ranch and BLM rights all contiguous. Several sets of improvements. Flexible operation that can "warm up" the calves from ranch raised feed. Machinery equipment and vehicles included. Management available. Priced at \$16,000,000 with terms. Cattle and feed at market price. Inspection of ranch by appointment only to qualified buyers.

**BAKE YOUNG REALTY** P.O. Box 980, Nampa, ID 83661  
 PHONE: 208/466-3524; Evenings, 466-2103 or 466-4420

**STEWARTS REALTORS** 1350 "O" Street, Newman, CA 95380  
 PHONE: 209/862-2881; Evenings, 862-3645

**OREGON CATTLE RANCHES** IN GRANT AND WHEELER COUNTY  
 8,080 Deeded, 20,500 USFS, 1,340 BLM, ranch borders John Day River. 247 acres irrigated farmland; 2,440 timbered acres with approximately 5 million board ft. timber. Good, sturdy, 2-story main house on river setting also smaller foreman house. Barn, machine shed, hay shed, livestock scales and work corrals. Hunting cabin.

**4,880 Deeded** acres of which 600 acres plus is irrigated meadow. 2,500 acres timbered approximately 3 million board ft.

**12 Acres** family home place on Canyon Creek. Fruit trees, garden, fishing, gold panning. Perfect place for a rancher to retire. \$135,000.

**Have several** good out of town small acreage sites 6 to 80 acres. Qualified experienced ranch consultant available through this office, not a real estate broker.

**EL BOGEN REALTY, INC.** 80491 Tall Pine Ave., Bend, OR 97702  
 OFFICE: 503/382-6388 or 503/382-0859

**EASTERN OREGON RANCHES** 600 Acres situated at the base of the Elkhorn Mountains. This ranch has excellent free water, good soil and is highly diversified. Presently in hay, grain, cattle \$1,100,000. Cash or terms to qualified buyer. Adjacent ranch available for larger operation.

**Baker Valley:** 695 acres of fertile cropland, free gravity flow irrigation water, 2 dwellings, good outbuildings, excellent fencing and situated at the front of the beautiful Elkhorn Mountains. A very high quality ranch with management flexibility. \$1,250,000. Cash or good terms to qualified buyer.

**288 Acres:** Baker Valley meadow ranch, 2 miles from Baker on paved highway. Abundant water, good soil, new corrals, 1/2 mile of river through ranch; would be an ideal registered cattle operation. \$600,000. Good terms to qualified buyer.

**For information** on these properties or other ranches, please call:  
**INTERMOUNTAIN REALTY** 1405 Cornsall St., Baker, OR 97814  
 PHONE: 503/623-4434 or 503/623-3414  
 Mark Sackos, Broker • Greg Sackos, Assistant Broker

**NEVADA/OREGON** 2,000 Pair year round, 6,000 deeded acres includes approximately 2,000 meadow with some alfalfa. Almost all free water, 1 irrigation well. Excellent headquarters on paved road 3 miles to town and airport. Private, fenced and cross-fenced. BLM permit for 2,000 units for 7 months, no tubing. Only 3 months average winter feeding, over 400 lbs. weaners. Plenty of mostly new machinery included at \$2,800,000 (only \$1,400/unit). Cattle at market.

**NEVADA 750 UNITS** 8,000 Deeded, nearly 500 sq. mi. combined summer and winter permits plus meadow make this a 760 pair, year around outfit. More water to develop. Increase return. 90 miles to Reno. \$1,260,000, cattle at market, seller help finance.

**VALLEY SHOWPLACE** Fronts Hwy. in Sacramento Valley, 4,350 acres includes 400-500 acres Class 1 plus 400-500 Class II & III. 1,100 acres irrigated, more to develop. Excellent residence, headquarters, corrals, fencing, 57 million.

**NEAR SACRAMENTO** 486 Acres, 360 irrigated pasture, underground pipeline. District surplus water, barn, corrals, 3 bedroom home, \$1,700,000, terms. Also, 24 acres adjoining with excellent, new, 3 bedroom home, pool for additional \$600,000.

**FOOTHILLS BEAUTY** 305 Acres rolling, oak-studded foothills near Marysville on paved road. Excellent headquarters to supervise winter leases in the area. Good home, barn, etc. Develop irrigated pasture from canal through property or sub-divide. \$1,000,000.

**NEAR AUBURN** Hiram's dream. 33 acres road irrigated. Large barn, indoor arena, outdoor flood lighted and sprinkled roping arena, livestock corrals, scales. Newly, older 3 1/2 bedroom home, many extras. 1 1/2 miles to Auburn. \$850,000, terms.



